

Pt. 60, Subpt. Ec, Table 2

40 CFR Ch. I (7-1-14 Edition)

| Pollutant | Units (7 percent oxygen, dry basis) | Emissions limits | | | Averaging time ¹ | Method for demonstrating compliance ² | | |
|-----------------------|---|-----------------------------------|--------------------------------------|-----------------------------------|---|---|--|--|
| | | HMIWI size | | | | | | |
| | | Small | Medium | Large | | | | |
| Dioxins/ furans. | Nanograms per dry standard cubic meter total dioxins/ furans (grains per billion dry standard cubic feet) or nanograms per dry standard cubic meter TEQ (grains per billion dry stand- ard cubic feet). | 16 (7.0) or 0.013 (0.0057). | 0.47 (0.21) or 0.014 (0.0061). | 9.3 (4.1) or 0.035 (0.015). | 3-run average (4- hour minimum sample time per run). | EPA Reference Method 23 of ap- pendix A-7 of part 60. | | |
| Hydrogen chloride. | Parts per million by volume. | 15 | 7.7 | 5.1 | 3-run average (1- hour minimum sample time per run). | EPA Reference Method 26 or 26A of appendix A-8 of part 60. | | |
| Sulfur dioxide | Parts per million by volume. | 1.4 | 1.4 | 8.1 | 3-run average (1- hour minimum sample time per run). | EPA Reference Method 6 or 6C of appendix A-4 of part 60. | | |
| Nitrogen ox- ides. | Parts per million by volume. | 67 | 67 | 140 | 3-run average (1- hour minimum sample time per run). | EPA Reference Method 7 or 7E of appendix A-4 of part 60. | | |
| Lead | Milligrams per dry standard cubic meter (grains per thousand dry stand- ard cubic feet). | 0.31 (0.14) | 0.018 (0.0079). | 0.00069 (0.00030). | 3-run average (1- hour minimum sample time per run). | EPA Reference Method 29 of ap- pendix A-8 of part 60. | | |
| Cadmium | Milligrams per dry standard cubic meter (grains per thousand dry stand- ard cubic feet). | 0.017 (0.0074). | 0.0098 (0.0043). | 0.00013 (0.000057). | 3-run average (1- hour minimum sample time per run). | EPA Reference Method 29 of ap- pendix A-8 of part 60. | | |
| Mercury | Milligrams per dry standard cubic meter (grains per thousand dry stand- ard cubic feet). | 0.014 (0.0061). | 0.0035 (0.0015). | 0.0013 (0.00057). | 3-run average (1- hour minimum sample time per run). | EPA Reference Method 29 of ap- pendix A-8 of part 60. | | |

¹ Except as allowed under § 60.56c(c) for HMIWI equipped with CEMS.

² Does not include CEMS and approved alternative non-EPA test methods allowed under § 60.56c(b).

[74 FR 51414, Oct. 6, 2009, as amended at 76 FR 18414, Apr. 4, 2011]

TABLE 2 OF SUBPART Ec OF PART 60—TOXIC EQUIVALENCY FACTORS

| Dioxin/furan congener | Toxic equivalency factor |
|---|--------------------------|
| 2,3,7,8-tetrachlorinated dibenzo-p-dioxin | 1 |
| 1,2,3,7,8-pentachlorinated dibenzo-p-dioxin | 0.5 |
| 1,2,3,4,7,8-hexachlorinated dibenzo-p-dioxin | 0.1 |
| 1,2,3,7,8,9-hexachlorinated dibenzo-p-dioxin | 0.1 |
| 1,2,3,6,7,8-hexachlorinated dibenzo-p-dioxin | 0.1 |
| 1,2,3,4,6,7,8-heptachlorinated dibenzo-p-dioxin | 0.01 |
| octachlorinated dibenzo-p-dioxin | 0.001 |
| 2,3,7,8-tetrachlorinated dibenzofuran | 0.1 |
| 2,3,4,7,8-pentachlorinated dibenzofuran | 0.5 |
| 1,2,3,7,8-pentachlorinated dibenzofuran | 0.05 |
| 1,2,3,4,7,8-hexachlorinated dibenzofuran | 0.1 |
| 1,2,3,6,7,8-hexachlorinated dibenzofuran | 0.1 |
| 1,2,3,7,8,9-hexachlorinated dibenzofuran | 0.1 |
| 2,3,4,6,7,8-hexachlorinated dibenzofuran | 0.1 |
| 1,2,3,4,6,7,8-heptachlorinated dibenzofuran | 0.01 |
| 1,2,3,4,7,8,9-heptachlorinated dibenzofuran | 0.01 |
| Octachlorinated dibenzofuran | 0.001 |